

Environmental Protection Agency

§ 91.110

(ii) The intended physically adjustable range;

(iii) The limits or stops used to establish adjustable ranges;

(iv) Production tolerances of the limits or stops used to establish each physically adjustable range; and

(v) Information relating to why the physical limits or stops used to establish the physically adjustable range of each parameter, or any other means used to inhibit adjustment, are effective in preventing adjustment of parameters to settings outside the manufacturer's intended physically adjustable ranges on in-use engines;

(7) Regarding the averaging, banking, and trading provisions, the information specified in § 91.208;

(8) The proposed maintenance and use instructions the manufacturer will furnish to the ultimate purchaser of each new engine and the proposed emission control label;

(9) All test data, for HC, CO and NO_x, obtained by the manufacturer on each test engine;

(10) A statement that the test engine(s), as described in the manufacturer's application for certification, has been tested in accordance with the applicable test procedures, utilizing the fuels and equipment described in the application, and that on the basis of such tests the engine(s) conforms to the requirements of this part; and

(11) An unconditional statement certifying that all engines in the engine family comply with all requirements of this part and the Clean Air Act.

(e) At the Administrator's request, the manufacturer must supply such additional information as may be required to evaluate the application including, but not limited to, projected marine SI engine production.

(f) (1) The Administrator may modify the information submission requirements of paragraph (d) of this section, provided the information specified therein is maintained by the engine manufacturer as required by § 91.121, and amended, updated, or corrected as necessary.

(2) For the purposes of this paragraph, § 91.121(a)(1) includes all information specified in paragraph (d) of this section whether or not such information is actually submitted to the

Administrator for any particular model year.

(3) The Administrator may review an engine manufacturer's records at any time.

§ 91.108 Certification.

(a) If, after a review of the manufacturer's submitted application, or with respect to an existing technology OB/PWC engine manufacturer's summary information submitted pursuant to § 91.107(a), information obtained from any inspection, and such other information as the Administrator may require, the Administrator determines that the application or summary information is complete and that the engine family meets the requirements of this part and the Clean Air Act, the Administrator shall issue a certificate of conformity for the engine family.

(b) The Administrator shall give a written explanation when certification is denied. The manufacturer may request a hearing on a denial. (See § 91.124 for procedure.)

§ 91.109 Requirement of certification—closed crankcase.

(a) An engine's crankcase must be closed.

(b) For purposes of this section, *crankcase* means the housing for the crankshaft and other related internal parts.

§ 91.110 Requirement of certification—prohibited controls.

(a) An engine may not be equipped with an emission control device, system, or element of design for the purpose of complying with emission standards if such device, system, or element of design will cause or contribute to an unreasonable risk to public health, welfare, or safety in its operation or function.

(b) You may not design your engines with emission-control devices, systems, or elements of design that cause or contribute to an unreasonable risk to public health, welfare, or safety while operating. For example, this

would apply if the engine emits a noxious or toxic substance it would otherwise not emit that contributes to such an unreasonable risk.

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§91.111 Requirement of certification—prohibition of defeat devices.

(a) An engine may not be equipped with a defeat device.

(b) For purposes of this section, *defeat device* means any device, system, or element of design which senses operation outside normal emission test conditions and reduces emission control effectiveness.

(1) Defeat device includes any auxiliary emission control device (AECD) that reduces the effectiveness of the emission control system under conditions which may reasonably be expected to be encountered in normal operation and use, unless such conditions are included in the test procedure.

(2) Defeat device does not include such items which either operate only during engine starting or are necessary to protect the engine (or vehicle or equipment in which it is installed) against damage or accident during its operation.

§91.112 Requirement of certification—adjustable parameters.

(a) Engines equipped with adjustable parameters must comply with all requirements of this subpart for any adjustment in the physically available range.

(b) An operating parameter is not considered adjustable if it is permanently sealed by the manufacturer or otherwise not normally accessible using ordinary tools.

(c) The Administrator may require that adjustable parameters be set to any specification within the adjustable range during certification, production line testing, selective enforcement auditing or any in-use testing to determine compliance with the requirements of this part.

§91.113 Requirement of certification—emission control information label and engine identification number.

(a) The engine manufacturer must affix at the time of manufacture a per-

manent and legible label identifying each engine. The label must meet the following requirements:

(1) Be attached in such a manner that it cannot be removed without destroying or defacing the label;

(2) Be durable and readable for the entire engine life;

(3) Be secured to an engine part necessary for normal engine operation and not normally requiring replacement during engine life;

(4) Be written in English; and

(5) Be located so as to be readily visible to the average person after the engine is installed in the marine vessel.

(b) If the marine vessel obscures the label on the engine, the marine vessel manufacturer must attach a supplemental label so that this label is readily visible to the average person. The supplemental label must:

(1) Be attached in such a manner that it cannot be removed without destroying or defacing the label;

(2) Be secured to a marine vessel part necessary for normal operation and not normally requiring replacement during the marine vessel life; and

(3) Be identical to the label which was obscured.

(c) The label must contain the following information:

(1) The heading “Emission Control Information;”

(2) The full corporate name and trademark of the engine manufacturer;

(3) The statement, “This (vessel’s engine or engine, as applicable) is certified to operate on (specify operating fuel(s));”

(4) Identification of the Exhaust Emission Control System (Abbreviations may be used and must conform to the nomenclature and abbreviations provided in SAE J1930. This procedure has been incorporated by reference. See §91.6.;

(5) All engine lubricant requirements;

(6) date of manufacture [day(optional), month and year];

(7) The statement “This engine conforms to [model year] U.S. EPA regulations for marine SI engines.”;

(8) Family Emission Limits (FELs);

(9) EPA standardized engine family designation;

(10) Engine displacement [in cubic centimeters]; and